

IN THE CLAIMS

1. (original) A weighing machine for weighing portions of material, which weighing machine comprises a frame structure on which a central distributor, a plurality of linear conveyors and a plurality of scales are mounted, and wherein the linear conveyors are arranged around the central distributor and each is configured as a conveyor duct suspended in relation to a counterweight by means of spring elements extending between the conveyor duct and the counterweight in such a manner that the transport duct is, by means of a vibrator intended therefore, caused to vibrate in a vibration pattern causing it to transport, during the vibration, material from the central distributor and radially outwards to the scales, characterised in that the counterweight for each of the transport ducts in the linear conveyors are constituted of the frame structure of the machine, the spring elements for each transport duct being mounted directly on the frame structure.

2. (original) A weighing machine according to claim1, characterised in that the vibrator configured for each transport duct comprises a current-carrying magnetizing element that will, by application of a current, emit a varying magnetic field, and wherein the current-carrying magnetizing element is mounted directly on the frame structure of the machine in such a manner that the magnetic field emitted from the magnetizing element influences a transport duct arranged opposite the magnetizing element to vibrate in relation to the frame structure of the machine.

3. (currently amended) A weighing machine according to claim 1 ~~or 2~~, characterised in that each of the scales is, via an electrical weighing cell, mounted directly on the frame structure of the machine, said weighing cell being configured for emitting an electrical signal in response to the force by which the scale influences the weighing cell.

4. (original) A weighing machine according to claim 3, characterised in that the machine comprises control means that are configured for individually and as required activating and discontinuing the vibrations in each of the conveyor ducts, and wherein there is further provided a calculator unit for performing a calculation of the weight of material in each of the scales, while simultaneously vibrations are activated in one or more of the conveyor ducts.

5 (original). A weighing machine according to claim 4, characterised in that, in the calculator unit or the weighing cell for each of the scales, means are provided for filtering off the electrical signals emitted by the weighing cell due to vibrations transmitted from the linear conveyors through the frame structure of the machine and to the weighing cell.

6. (original) A weighing machine according to claim 5, characterised in that the means for filtering off are in the form of an electronic filter.

7. (currently amended) A weighing machine according to ~~one of the preceding claims~~ claim 6, characterised in that the frame structure of the machine is manufactured in a moulding process by use of a metallic moulding material, such as aluminium or other metal alloy suitable for moulding.

8. (original) A weighing machine according to claim 7, characterised in that the frame structure has an overall weight that is at least ten times and preferably more than 40 times the weight of each of the conveyor ducts.

9. (currently amended) A weighing machine according to ~~one of the preceding claims~~ claim 8, characterised in that the frame structure of the machine comprises one or more essentially uninterrupted shielding in the form of shield faces that extend outwards and downwards in relation to the centre axis A of the machine underneath the central distributor 2 and/or the linear conveyors 3.